

REMARKS

In view of the above amendments and following remarks, Applicant requests favorable reconsideration of the above-identified application.

Claims 17-31 remain pending in this application, with Claims 17, 29 and 31 being independent. By this Amendment, Applicant has amended Claims 29 through 31. No new matter has been added.

Claims 29 and 31 stand objected to as allegedly being of improper dependent form for failing to further limit the subject matter of a previous claim. Claim 30 stands objected to as being in improper form because it refers to two separate base claims. In response, Claims 29 and 31 have been rewritten in independent form. In addition, reference to Claim 17 has been deleted from Claim 30. Reconsideration and withdrawal of the objections to the claims are respectfully requested.

Claims 17-24 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Publication No. 2003/0169520 (Goldstein). Claims 25 and 26 stand rejected under 35 U.S.C. § 103 as being unpatentable over Goldstein in view of U.S. Patent No. 6,118,527 (Jurca) and U.S. Patent Publication No. 2002/0089652 (Lim). Claim 27 stands rejected under 35 U.S.C. § 103 as being unpatentable over Goldstein in view of U.S. Patent No. 4,844,603 (Eitel, et al.). Claim 28 stands rejected under 35 U.S.C. § 103 as being unpatentable over Goldstein in view of U.S. Patent Publication No. 2001/0048514 (Taniguchi). Claims 29-31 stand rejected under 35 U.S.C. § 103 as being unpatentable over Goldstein in view of U.S. Patent Publication No. 2002/0027644 (Bisschops). These rejections are respectfully traversed.

As recited in independent Claim 17, the present invention relates to an apparatus that includes a mirror, a heat-radiation plate and cooler. The mirror has a reflection surface that reflects light. The heat radiation plate is arranged facing and spaced away from the reflection surface of the mirror and arranged outside a passage area for light to be incident on and reflected from the reflection surface. The cooler is configured to cool in the heat-radiation plate. Independent Claims 29 and 31 recite an exposure apparatus and fabricating method including similar features.

The mirror assembly in Goldstein includes basic mirror 100 having a front, reflective surface 102 and a rear surface 104. As stated in paragraph [0018], cooling/heating elements 225 are arrayed on the rear surface 104 of the mirror. Based on this description, Goldstein clearly does not disclose or suggest a heat-radiation plate arranged facing and spaced away from the reflection surface of the mirror, as is recited in independent Claim 17, as well as independent Claims 29 and 31. That is, while the cooling/heating elements 225 of Goldstein maybe spaced away from reflective surface 102, they do not face that surface.

Accordingly Goldstein fails to disclose or suggest the important features of the present invention recited in independent Claims 17, 29 and 31.

The remaining citations have been reviewed, but are not believed to remedy the deficiencies of Goldstein noted above with respect independent Claims 17, 29 and 31.

For the foregoing reasons, Applicant respectfully submits that the present invention is patentably defined by independent Claims 17, 29 and 31. Dependent Claims 18-28 and 30 are also allowable, in their own right, for defining features of the present invention in

addition to those recited in independent Claims 17 and 29. Individual consideration of the dependent claims is requested.

Applicant submits that the present application is in condition for allowance. Favorable reconsideration, withdrawal of the objections and rejections set forth in the above-noted Office Action, and an early Notice of Allowability are requested.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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